



Record Information

1. Site Name: Ideal Plating and Polishing Company Inc
(as entered in CERCLIS)
 2. Site CERCLIS Number: NJD087280038
 3. Site Reviewer: Nick Sodano
 4. Date: December 17, 1994
 5. Site Location: Belleville/Essex/NJ
(City/County,State)
 6. Congressional District: 11
 7. Site Coordinates: Multiple
- Latitude: 40°48'24. Longitude: 74

Site Description

1. Setting: Urban
2. Current Owner: Private - Industrial
3. Current Site Status: Active
4. Years of Operation: Active Site, from and to dates: 1979 to present
5. How Initially Identified: CERCLA Notification
6. Entity Responsible for Waste Generation:
 - Manufacturing
 - Metal Coating
7. Site Activities/Waste Deposition:
 - Illegal Dumping

Waste Description

8. Wastes Deposited or Detected Onsite:

- Organic Chemicals
- Metals

Response Actions

9. Response/Removal Actions:

RCRA Information

10. For All Active Facilities, RCRA Site Status:

- Other - Generator

Demographic Information

11. Workers Present Onsite: Yes

12. Distance to Nearest Non-Worker Individual: > 10 Feet - 1/4 Mile

13. Residential Population Within 1 Mile: 1000.0

14. Residential Population Within 4 Miles: 150000.0

Water Use Information

15. Local Drinking Water Supply Source:

- Ground Water (within 4 mile distance limit)

16. Total Population Served by Local Drinking Water Supply Source: Not Applicable

17. Drinking Water Supply System Type for Local Drinking
Water Supply Sources:

- Municipal (Services over 25 People)

18. Surface Water Adjacent to/Draining Site:

- Contaminated River

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Latitude: 40°48'24.

Longitude: 74

	Score
Ground Water Migration Pathway Score (Sgw)	0.00
Surface Water Migration Pathway Score (Ssw)	0.00
Soil Exposure Pathway Score (Ss)	0.00
Air Migration Pathway Score (Sa)	0.00

Site Score	0.00
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NOTE

EPA uses the terms "facility," "site," and "release" interchangeably. The term "facility" is broadly defined in CERCLA to include any area where hazardous substances have "come to be located" (CERCLA Section 109(9)), and the listing process is not intended to define or reflect boundaries of such facilities or releases. Site names, and references to specific parcels or properties, are provided for general identification purposes only. Knowledge regarding the extent of sites will be refined as more information is developed during the RI/FS and even during implementation of the remedy.

GROUND WATER MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release to an Aquifer Aquifer: Brunswick		
1. Observed Release	550	0
2. Potential to Release		
2a. Containment	10	0
2b. Net Precipitation	10	0
2c. Depth to Aquifer	5	5
2d. Travel Time	35	25
2e. Potential to Release [lines 2a(2b+2c+2d)]	500	0
3. Likelihood of Release	550	0
Waste Characteristics		
4. Toxicity/Mobility	*	0.00E+00
5. Hazardous Waste Quantity	*	0
6. Waste Characteristics	100	0
Targets		
7. Nearest Well	50	2.00E+00
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	4.17E+02
8d. Population (lines 8a+8b+8c)	**	4.17E+02
9. Resources	5	5.00E+00
10. Wellhead Protection Area	20	0.00E+00
11. Targets (lines 7+8d+9+10)	**	4.24E+02
12. Targets (including overlaying aquifers)	**	4.24E+02
13. Aquifer Score	100	0.00
GROUND WATER MIGRATION PATHWAY SCORE (Sgw)	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET

Ideal Plating and Polishing Company Inc - 12/20/94

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors	Maximum Value	Value Assigned
DRINKING WATER THREAT		
Likelihood of Release		
1. Observed Release	550	0
2. Potential to Release by Overland Flow		
2a. Containment	10	0
2b. Runoff	25	1
2c. Distance to Surface Water	25	9
2d. Potential to Release by Overland Flow [(lines 2a(2b+2c))]	500	0
3. Potential to Release by Flood		
3a. Containment (Flood)	10	0
3b. Flood Frequency	50	0
3c. Potential to Release by Flood (lines 3a x 3b)	500	0
4. Potential to Release (lines 2d+3c)	500	0
5. Likelihood of Release	550	0
Waste Characteristics		
6. Toxicity/Persistence	*	0.00E+00
7. Hazardous Waste Quantity	*	0
8. Waste Characteristics	100	0
Targets		
9. Nearest Intake	50	0.00E+00
10. Population		
10a. Level I Concentrations	**	0.00E+00
10b. Level II Concentrations	**	0.00E+00
10c. Potential Contamination	**	0.00E+00
10d. Population (lines 10a+10b+10c)	**	0.00E+00
11. Resources	5	0.00E+00
12. Targets (lines 9+10d+11)	**	0.00E+00
13. DRINKING WATER THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET

Ideal Plating and Polishing Company Inc - 12/20/94

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors HUMAN FOOD CHAIN THREAT	Maximum Value	Value Assigned
Likelihood of Release		
14. Likelihood of Release (same as line 5)	550	0
Waste Characteristics		
15. Toxicity/Persistence/Bioaccumulation	*	0.00E+00
16. Hazardous Waste Quantity	*	0
17. Waste Characteristics	1000	0
Targets		
18. Food Chain Individual	50	0.00E+00
19. Population		
19a. Level I Concentrations	**	0.00E+00
19b. Level II Concentrations	**	0.00E+00
19c. Pot. Human Food Chain Contamination	**	0.00E+00
19d. Population (lines 19a+19b+19c)	**	0.00E+00
20. Targets (lines 18+19d)	**	0.00E+00
21. HUMAN FOOD CHAIN THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET

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SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors	Maximum Value	Value Assigned
ENVIRONMENTAL THREAT		
Likelihood of Release		
22. Likelihood of Release (same as line 5)	550	0
Waste Characteristics		
23. Ecosystem Toxicity/Persistence/Bioacc.	*	0.00E+00
24. Hazardous Waste Quantity	*	0
25. Waste Characteristics	1000	0
Targets		
26. Sensitive Environments		
26a. Level I Concentrations	**	0.00E+00
26b. Level II Concentrations	**	0.00E+00
26c. Potential Contamination	**	0.00E+00
26d. Sensitive Environments (lines 26a+26b+26c)	**	0.00E+00
27. Targets (line 26d)	**	0.00E+00
28. ENVIRONMENTAL THREAT SCORE	60	0.00
29. WATERSHED SCORE	100	0.00
30. SW: OVERLAND/FLOOD COMPONENT SCORE (Sof)	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

SOIL EXPOSURE PATHWAY SCORESHEET

Ideal Plating and Polishing Company Inc - 12/20/94

SOIL EXPOSURE PATHWAY		
Factor Categories & Factors	Maximum Value	Value Assigned
RESIDENT POPULATION THREAT		
Likelihood of Exposure		
1. Likelihood of Exposure	550	550
Waste Characteristics		
2. Toxicity	*	1.00E+04
3. Hazardous Waste Quantity	*	10
4. Waste Characteristics	100	18
Targets		
5. Resident Individual	50	0.00E+00
6. Resident Population		
6a. Level I Concentrations	**	0.00E+00
6b. Level II Concentrations	**	0.00E+00
6c. Resident Population (lines 6a+6b)	**	0.00E+00
7. Workers	15	0.00E+00
8. Resources	5	0.00E+00
9. Terrestrial Sensitive Environments	***	0.00E+00
10. Targets (lines 5+6c+7+8+9)	**	0.00E+00
11. RESIDENT POPULATION THREAT SCORE	**	0.00E+00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

*** No specific maximum value applies, see HRS for details.

SOIL EXPOSURE PATHWAY SCORESHEET

Ideal Plating and Polishing Company Inc - 12/20/94

SOIL EXPOSURE PATHWAY		
Factor Categories & Factors	Maximum Value	Value Assigned
NEARBY POPULATION THREAT		
Likelihood of Exposure		
12. Attractiveness/Accessibility	100	5.00E+00
13. Area of Contamination	100	0.00E+00
14. Likelihood of Exposure	500	0.00E+00
Waste Characteristics		
15. Toxicity	*	1.00E+04
16. Hazardous Waste Quantity	*	10
17. Waste Characteristics	100	18
Targets		
18. Nearby Individual	1	0.00E+00
19. Population Within 1 Mile	**	0.00E+00
20. Targets (lines 18+19)	**	0.00E+00
21. NEARBY POPULATION THREAT SCORE	**	0.00E+00
SOIL EXPOSURE PATHWAY SCORE (Ss)	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

AIR PATHWAY SCORESHEET

Ideal Plating and Polishing Company Inc - 12/20/94

AIR MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release	550	0
2. Potential to Release		
2a. Gas Potential to Release	500	0
2b. Particulate Potential to Release	500	0
2c. Potential to Release	500	0
3. Likelihood of Release	550	0
Waste Characteristics		
4. Toxicity/Mobility	*	0.00E+00
5. Hazardous Waste Quantity	*	0
6. Waste Characteristics	100	0
Targets		
7. Nearest Individual	50	0.00E+00
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	0.00E+00
8d. Population (lines 8a+8b+8c)	**	0.00E+00
9. Resources	5	0.00E+00
10. Sensitive Environments		
10a. Actual Contamination	***	0.00E+00
10b. Potential Contamination	***	0.00E+00
10c. Sens. Environments(lines 10a+10b)	***	0.00E+00
11. Targets (lines 7+8d+9+10c)	**	0.00E+00
AIR MIGRATION PATHWAY SCORE (Sa)	100	0.00E+00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

*** No specific maximum value applies, see HRS for details.

WASTE QUANTITY

Ideal Plating and Polishing Company Inc - 12/20/94

1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE: Surface Spill

a. Wastestream ID	
b. Hazardous Constituent Quantity (C) (lbs.)	0.00
c. Data Complete?	NO
d. Hazardous Wastestream Quantity (W) (lbs.)	0.00
e. Data Complete?	NO
f. Wastestream Quantity Value (W/5,000)	0.00E+00

WASTE QUANTITY

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2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a. Source ID		Surface Spill	
b. Source Type		Contaminated Soil	
c. Secondary Source Type		N.A.	
d. Source Vol.(yd3/gal)	Source Area (ft2)	0.00	50.00
e. Source Volume/Area Value		1.47E-03	
f. Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)		0.00E+00	
g. Data Complete?		NO	
h. Source Hazardous Wastestream Quantity (WSQ) Value (sum of 1f)		0.00E+00	
i. Data Complete?		NO	
k. Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)		1.47E-03	

Source Hazardous Substances	Depth (feet)	Liquid	Concent.	Units
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Antimony	< 2	NO	2.1E+01	ppm
Cadmium	< 2	NO	1.4E+02	ppm
Chromium	< 2	NO	4.5E+03	ppm
Copper	< 2	NO	1.8E+03	ppm
Cyanide	< 2	NO	6.2E+02	ppm
Lead	< 2	NO	3.8E+03	ppm
Nickel	< 2	NO	1.3E+03	ppm
PCBs	< 2	NO	1.7E+00	ppm

WASTE QUANTITY

Ideal Plating and Polishing Company Inc - 12/20/94

1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE:

a. Wastestream ID	
b. Hazardous Constituent Quantity (C) (lbs.)	0.00
c. Data Complete?	NO
d. Hazardous Wastestream Quantity (W) (lbs.)	0.00
e. Data Complete?	NO
f. Wastestream Quantity Value (W/5,000)	0.00E+00

WASTE QUANTITY

Ideal Plating and Polishing Company Inc - 12/20/94

2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a. Source ID			
b. Source Type		Drums	
c. Secondary Source Type		N.A.	
d. Source Vol.(yd ³ /gal)	Source Area (ft ²)	0.00	0.00
e. Source Volume/Area Value		0.00E+00	
f. Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)		0.00E+00	
g. Data Complete?		NO	
h. Source Hazardous Wastestream Quantity (WSQ) Value (sum of 1f)		0.00E+00	
i. Data Complete?		NO	
k. Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)		0.00E+00	

WASTE QUANTITY

Ideal Plating and Polishing Company Inc - 12/20/94

3. SITE HAZARDOUS WASTE QUANTITY SUMMARY

No. Source ID	Migration Pathways	Vol. or Area Value (2e)	Constituent or Wastestream	Hazardous Waste Qty.
			Value (2f,2h)	Value (2k)
1 Surface Spill	SE	1.47E-03	0.00E+00	1.47E-03
2		0.00E+00	0.00E+00	0.00E+00

WASTE QUANTITY

Ideal Plating and Polishing Company Inc - 12/20/94

4. PATHWAY HAZARDOUS WASTE QUANTITY AND WASTE CHARACTERISTICS SUMMARY TABLE

Migration Pathway	Contaminant Values	HWQVs*	WCVs**
Ground Water	Toxicity/Mobility 0.00E+00	0	0
SW: Overland Flow, DW	Tox./Persistence 0.00E+00	0	0
SW: Overland Flow, HFC	Tox./Persis./Bioacc. 0.00E+00	0	0
SW: Overland Flow, Env	Etox./Persis./Bioacc. 0.00E+00	0	0
SW: GW to SW, DW	Tox./Persistence 0.00E+00	0	0
SW: GW to SW, HFC	Tox./Persis./Bioacc. 0.00E+00	0	0
SW: GW to SW, Env	Etox./Persis./Bioacc. 0.00E+00	0	0
Soil Exposure: Resident	Toxicity 1.00E+04	10	18
Soil Exposure: Nearby	Toxicity 1.00E+04	10	18
Air	Toxicity/Mobility 0.00E+00	0	0

* Hazardous Waste Quantity Factor Values

** Waste Characteristics Factor Category Values

Note: SW = Surface Water

GW = Ground Water

DW = Drinking Water Threat

HFC = Human Food Chain Threat

Env = Environmental Threat

No. Aquifer ID	Type	Overlying No.	Inter- Connected with	Likelihood of Release	Targets
1 Brunswick	Non K	0	0	0	4.24E+02

Containment

No. Source ID	HWQ Value	Containment Value
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- N/A and/or data not specified

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Containment Factor 0

Net Precipitation

Net Precipitation (inches) 0

Aquifer: Brunswick

Type of Aquifer: Non Karst

Overlying Aquifer: 0

Interconnected with: 0

OBSERVED RELEASE

No.	Well ID	Well Type	Distance (miles)	Level of Contamination
- N/A and/or data not specified				

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Observed Release Factor	0
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POTENTIAL TO RELEASE

Containment

Containment Factor 0

Net Precipitation

Net Precipitation Factor 0

Depth to Aquifer

A. Depth of Hazardous Substances 0.00 feet

B. Depth to Aquifer from Surface 20.00 feet

C. Depth to Aquifer (B - A) 20.00 feet

Depth to Aquifer Factor 5

Travel Time

Are All Layers Karst? NO

Thickness of Layer(s) with Lowest Conductivity 20.00 feet

Hydraulic Conductivity (cm/sec) 1.0E-05

Travel Time Factor 25

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Potential to Release Factor 0

Hazardous Substance	Toxicity Value	Mobility Value	Toxicity/ Mobility Value
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Hazardous Substances Found in an Observed Release

Well No.	Observed Release Hazardous Substance	Toxicity Value	Mobility Value	Toxicity/ Mobility Value
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- N/A and/or data not specified

- N/A and/or data not specified

Toxicity/Mobility Value from Observed Release Hazardous Substances:	0.00E+00
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Toxicity/Mobility Factor:	0.00E+00
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Sum of Source Hazardous Waste Quantity Values:	0.00E+00
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Hazardous Waste Quantity Factor:	0
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Waste Characteristics Factor Category:	0
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Population by Well

No.	Well ID	Sample Type	Distance (miles)	Level of Contamination Population
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- N/A and/or data not specified

Level I Population Factor: 0.00

Level II Population Factor: 0.00

Potential Contamination by Distance Category

Distance Category (miles)	Population	Value
> 0 to 1/4	0.0	0.00E+00
> 1/4 to 1/2	0.0	0.00E+00
> 1/2 to 1	0.0	0.00E+00
> 1 to 2	0.0	0.00E+00
> 2 to 3	0.0	0.00E+00
> 3 to 4	76000.0	4.17E+02

Potential Contamination Factor: 417.000

Nearest Well

Level of Contamination: Potential
Distance in miles: 3.70

Nearest Well Factor: 2.00E+00

Resources

Resource Use: YES

Resource Factor: 5.00E+00

Wellhead Protection Area

No wellhead protection area

Wellhead Protection Area Factor: 0.00E+00

No. Segment ID	Segment Type	Water Type	Start Point (mi)	End Point (mi)	Average Flow (cfs)
0	River	Fresh	0.00	0.00	0

OBSERVED RELEASE

No. Sample ID	Sample Type	Distance (miles)	Level of Contamination		
			DW	HFC	Env

- N/A and/or data not specified

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Observed Release Factor 0

SURFACE WATER PATHWAY OVERLAND FLOW/FLOOD COMPONENT LIKELIHOOD OF RELEASE

Ideal Plating and Polishing Company Inc - 12/20/94

POTENTIAL TO RELEASE

Potential to Release by Overland Flow

Containment

No. Source ID	HWQ Value	Containment Value
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- N/A and/or data not specified

Containment Factor: 0

SURFACE WATER PATHWAY OVERLAND FLOW/FLOOD COMPONENT LIKELIHOOD OF RELEASE

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Distance to Surface Water

Distance to Surface Water: 1800.0 feet

Distance to Surface Water Factor: 9

Runoff

A. Drainage Area: 0.0 acres

B. 2-year, 24-hour Rainfall: 44.0 inches

C. Soil Group: C
Moderately-fine textured soils with low infiltration rates

Runoff Factor: 1

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Potential to Release by Overland Flow Factor: 0

Potential to Release by Flood

No. Source ID	HWQ Value	Flood Containment Value	Flood Frequency Value	Potential to Release by Flood
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- N/A and/or data not specified

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Potential to Release by Flood Factor: 0

SW PATHWAY: OVERLAND/FLOOD DRINKING WATER THREAT WASTE CHARACTERISTICS

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Hazardous Substance	Toxicity Value	Persistence Value	Toxicity/ Persistence Value
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SW PATHWAY: OVERLAND/FLOOD DRINKING WATER THREAT WASTE CHARACTERISTICS

Ideal Plating and Polishing Company Inc - 12/20/94

Hazardous Substances Found in an Observed Release

Sample Observed Release	Toxicity	Persistence	Toxicity/
No. Hazardous Substance	Value	Value	Persistence
			Value

- N/A and/or data not specified

SW PATHWAY: OVERLAND/FLOOD DRINKING WATER THREAT WASTE CHARACTERISTICS

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- N/A and/or data not specified

Toxicity/Persistence Value from Observed Release Hazardous
Substances:

0.00E+00

Toxicity/Persistence Factor:

0.00E+00

Sum of Source Hazardous Waste Quantity Values:

0.00E+00

Hazardous Waste Quantity Factor:

0

Waste Characteristics Factor Category:

0

SW PATHWAY: OVERLAND FLOW/FLOOD COMPONENT DRINKING WATER THREAT TARGETS

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Level I Concentrations

- N/A and/or data not specified

Level II Concentrations

- N/A and/or data not specified

Most Distant Level I Sample

- N/A and/or data not specified

Most Distant Level II Sample

- N/A and/or data not specified

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Level I Concentrations

Intake	Distance Along the In-water Segment from the Probable Point of Entry (miles)	Population
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- N/A and/or data not specified

Population Served by Level I Intakes: 0.0

Level I Population Factor: 0.00E+00

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Level II Concentrations

Intake	Distance Along the In-water Segment from the Probable Point of Entry (miles)	Population
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- N/A and/or data not specified

Population Served by Level II Intakes: 0.0

Level II Population Factor: 0.00E+00

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Potential Contamination

Intake ID	Average Annual Flow (cfs)	Population Served
- N/A and/or data not specified		

Type of Surface Water Body	Total Population	Dilution-Weighted Population
- N/A and/or data not specified		

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Dilution-Weighted Population Served
by Potentially Contaminated Intakes: 0.0

Potential Contamination Factor: 0.0

Nearest Intake

Location of Nearest Drinking Water Intake: N.A.

Nearest Intake Factor: 0.00

Resources

Resource Use: NO

Resource Value: 0.00E+00

SW PATHWAY: OVERLAND/FLOOD HUMAN FOOD CHAIN THREAT WASTE CHARACTERISTICS

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Hazardous Substance	Toxicity Value	Persistence Value	Bio- accum. Value	Toxicity/ Persistence/ Bioaccum. Value
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SW PATHWAY: OVERLAND/FLOOD HUMAN FOOD CHAIN THREAT WASTE CHARACTERISTICS

Ideal Plating and Polishing Company Inc - 12/20/94

Hazardous Substances Found in an Observed Release

Sample Observed Release	Toxicity	Persistence	Bio-	Toxicity/ Persistence/ Bioaccum.
No.	Hazardous Substance	Value	Value	Value
			accum. Value	

- N/A and/or data not specified

SW PATHWAY: OVERLAND/FLOOD HUMAN FOOD CHAIN THREAT WASTE CHARACTERISTICS

Ideal Plating and Polishing Company Inc - 12/20/94

Toxicity/Persistence/Bioaccumulation Value from Source Hazardous

- N/A and/or data not specified

Toxicity/Persistence/Bioaccumulation Value from Observed Release

Hazardous Substances:

0.00E+00

Toxicity/Persistence/Bioaccumulation Factor:

0.00E+00

Sum of Source Hazardous Waste Quantity Values:

0.00E+00

Hazardous Waste Quantity Factor:

0

Waste Characteristics Factor Category:

0

SW PATHWAY: OVERLAND FLOW/FLOOD COMPONENT HUMAN FOOD CHAIN THREAT TARGETS

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Level I Concentrations

- N/A and/or data not specified

Level II Concentrations

- N/A and/or data not specified

Most Distant Level I Sample

- N/A and/or data not specified

Most Distant Level II Sample

- N/A and/or data not specified

Ideal Plating and Polishing Company Inc - 12/20/94

Level I Concentrations

Fishery	Annual Production (pounds)	Human Food Chain Population Value
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- N/A and/or data not specified

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Sum of Human Food Chain Population Values: 0.00E+00

Level I Concentrations Factor: 0.00E+00

Ideal Plating and Polishing Company Inc - 12/20/94

Level II Concentrations

Fishery	Annual Production (pounds)	Human Food Chain Population Value
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- N/A and/or data not specified

=====

Sum of Human Food Chain Population Values: 0.00E+00

Level II Concentrations Factor: 0.00E+00

Ideal Plating and Polishing Company Inc - 12/20/94

Potential Contamination

	Annual Production (pounds)	Type of Surface Water Body	Average Annual Flow (cfs)	Pop. Value (Pi)	Dilution Weight (Di)	Pi*Di
Fishery						

- N/A and/or data not specified

=====

Sum of (Pi*Di): 0.00E+00

Potential Human Food Chain Contamination Factor: 0.00E+00

Food Chain Individual

Location of Nearest Fishery: N.A.

Food Chain Individual Factor: 0.00

SW PATHWAY: OVERLAND FLOW/FLOOD ENVIRONMENTAL THREAT WASTE CHARACTERISTICS

Ideal Plating and Polishing Company Inc - 12/20/94

Hazardous Substance	Eco- toxicity Value	Persistence Value	Bio- accum. Value	Ecotoxicity/ Persistence/ Bioaccum. Value
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SW PATHWAY: OVERLAND FLOW/FLOOD ENVIRONMENTAL THREAT WASTE CHARACTERISTICS

Ideal Plating and Polishing Company Inc - 12/20/94

Hazardous Substances Found in an Observed Release

Sample Observed Release No.	Hazardous Substance	Eco- toxicity Value	Persistence Value	Bio- accum. Value	Ecotoxicity/ Persistence/ Bioaccum. Value
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- N/A and/or data not specified

SW PATHWAY: OVERLAND FLOW/FLOOD ENVIRONMENTAL THREAT WASTE CHARACTERISTICS

Ideal Plating and Polishing Company Inc - 12/20/94

Ecotoxicity/Persistence/Bioaccumulation Value from Source

- N/A and/or data not specified

Ecotoxicity/Persistence/Bioaccumulation Value from Observed

Release Hazardous Substances:

0.00E+00

Ecotoxicity/Persistence/Bioaccumulation Factor:

0.00E+00

Sum of Source Hazardous Waste Quantity Values:

0.00E+00

Hazardous Waste Quantity Factor:

0

Waste Characteristics Factor Category:

0

SW PATHWAY: OVERLAND FLOW/FLOOD COMPONENT ENVIRONMENTAL THREAT TARGETS

Ideal Plating and Polishing Company Inc - 12/20/94

Level I Concentrations

- N/A and/or data not specified

Level II Concentrations

- N/A and/or data not specified

Most Distant Level I Sample

- N/A and/or data not specified

Most Distant Level II Sample

- N/A and/or data not specified

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Level I Concentrations

	Distance from Probable Point of Entry to Sensitive Env. (miles)	Sensitive Environment Value
Sensitive Environment		

- N/A and/or data not specified

Sum of Sensitive Environments Values: 0

Wetlands

	Distance from Probable Point of Entry to Wetland (miles)	Wetlands Frontage (miles)
Wetland		

- N/A and/or data not specified

Total Wetlands Frontage: 0.00 Miles Total Wetlands Value: 0

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Sum of Sensitive Environments Value + Wetlands Value: 0.00E+00

Level I Concentrations Factor: 0.00E+00

Ideal Plating and Polishing Company Inc - 12/20/94

Level II Concentrations

Sensitive Environment	Distance from Probable Point of Entry to Sensitive Env. (miles)	Sensitive Environment Value
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- N/A and/or data not specified

Sum of Sensitive Environments Values: 0

Wetlands

Wetland	Distance from Probable Point of Entry to Wetland (miles)	Wetlands Frontage (miles)
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- N/A and/or data not specified

Total Wetlands Frontage: 0.00 Miles Total Wetlands Value: 0

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Sum of Sensitive Environments Value + Wetlands Value: 0.00E+00

Level II Concentrations Factor: 0.00E+00

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Potential ContaminationSensitive Environments

Type of Surface	Sensitive Environment	Sensitive Environment Value
Water Body	Sensitive Environment	

Wetlands

Type of Surface	Sensitive Environment	Wetlands Frontage	Wetlands Value
Water Body	Sensitive Environment		

- N/A and/or data not specified

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Type of Surface	Sum of Sens. Environment Values(Sj)	Sum of Wetland Frontage Values(Wj)	Dilution Weight (Dj)	Dj(Wj+Sj)
Water Body				

- N/A and/or data not specified

Sum of Dj(Wj+Sj): 0.00E+00
Sum of Dj(Wj+Sj)/10: 0.00E+00

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Potential Contamination Sensitive Environment Factor: 0.00E+00

SOIL EXPOSURE PATHWAY RESIDENT POPULATION THREAT LIKELIHOOD OF EXPOSURE

Ideal Plating and Polishing Company Inc - 12/20/94

Likelihood of Exposure

No.	Source ID	Level of Contamination
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1	Surface Spill	Level I
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Likelihood of Exposure Factor: 550

Source No.	Hazardous Substance	Depth (ft.)	Concent.	Cancer	RFD	Units
1	Antimony	< 2	2.1E+01	0.0E+00	2.3E+02	ppm
1	Cadmium	< 2	1.4E+02	0.0E+00	2.9E+02	ppm
1	Chromium	< 2	4.5E+03	0.0E+00	2.9E+03	ppm
1	Copper	< 2	1.8E+03	0.0E+00	0.0E+00	ppm
1	Cyanide	< 2	6.2E+02	0.0E+00	1.2E+04	ppm
1	Lead	< 2	3.8E+03	0.0E+00	0.0E+00	ppm
1	Nickel	< 2	1.3E+03	0.0E+00	1.2E+04	ppm
1	PCBs	< 2	1.7E+00	7.6E-02	0.0E+00	ppm

SOIL EXPOSURE PATHWAY RESIDENT POPULATION THREAT WASTE CHARACTERISTICS

Ideal Plating and Polishing Company Inc - 12/20/94

Source: 1 Surface Spill

Source Hazardous Waste Quantity Value: 0.00

Hazardous Substance	Toxicity Value
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Antimony	10000
Cadmium	10000
Chromium	10000
Copper	0
Cyanide	100
Lead	10000